

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084933 A1

(51) International Patent Classification⁷: **B32B 3/28**,
E04C 2/34

(21) International Application Number:
PCT/NL2005/000158

(22) International Filing Date: 3 March 2005 (03.03.2005)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1025620 3 March 2004 (03.03.2004) NL

(71) Applicant (for all designated States except US): **CORUS
TECHNOLOGY BV** [NL/NL]; P.O. Box 10000, NL-1970
CA IJmuiden (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WIGCHERT,
Albertus, Johannes, Maria** [NL/NL]; Wulverderlaan 9,
NL-2071 BG Santpoort-Noord (NL). **DE WIT, Justus**
[NL/NL]; Gerrit Doustraat 15, NL-2311 XM Leiden (NL).

(74) Agent: **KRUIT, Jan**; Corus Technology BV, P.O. Box
10000, NL-1970 CA IJmuiden (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: LAMINATE

(57) Abstract: The invention relates to a laminate comprising a skin plate made from steel and a shaped layer, which skin plate has an outwardly facing side and a side which faces towards the shaped layer, and which shaped layer has a side facing towards the skin plate and an outwardly facing side. According to the invention, the shaped layer substantially consists of a shaped steel plate, which shaped layer is joined to the skin plate and forms passages and/or cavities together with the skin plate, which passages and/or cavities are optionally connected to one another, and in which a polymer material creates the bonding between the skin plate and the shaped layer. According to the invention, the laminate may be provided with a second skin plate in order to form a sandwich material.



WO 2005/084933 A1